

IN-C16

Self-restoring Rocker pin load cell



Advantages:

- Self-restoring function
- Simple to Install
- Laser welded, IP68
- Optimized for parallel connection by corner pre-adjustment
- Application: Truck scale or other compression weighing devices

特点： -自复位功能-激光焊接 IP68

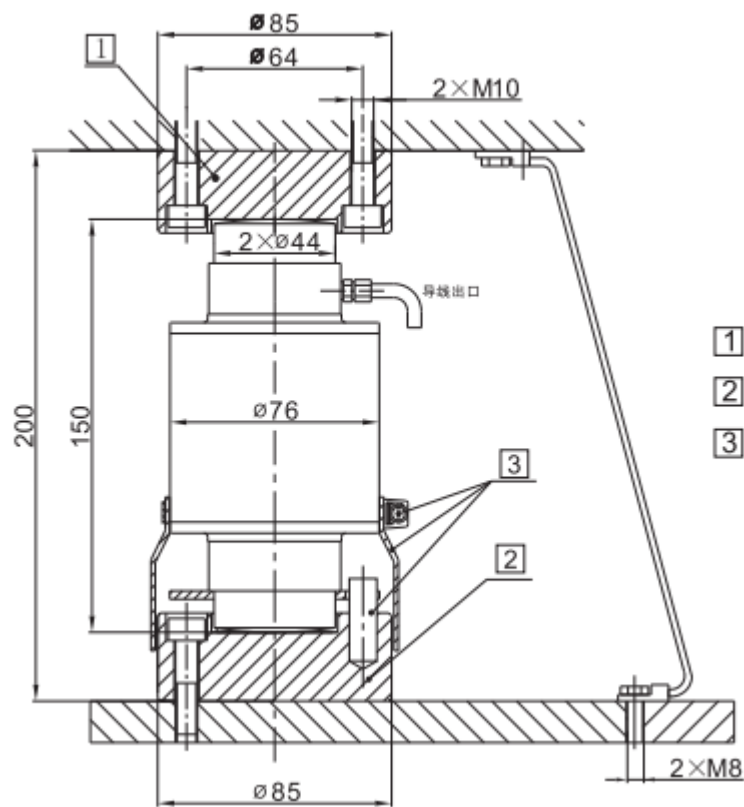
-经过角差调整 ,适合并联使用(按 EN 45 501)

应用范围： 汽车衡等其他压式称重测力系统

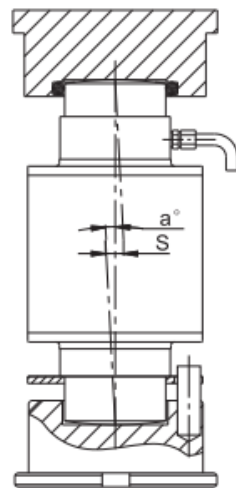
| Items 项目 | UNIT 单位 | TECHNICAL DATA 参数 |
|---|--------------------------|--|
| Rated capacity (E _{max})额定载荷 | t | 10,15,20,25,30,40,,50 |
| Accuracy class 精度等级 | | C3 |
| Output(cn)/Zero Balance 输出/零点 | mV/V | 2.0 ±0.02 /0±0.02 |
| Minimum LC verification interval (V _{min})最小检定分度值 | % of E _{max} | 0.01 |
| Creep over 30min 蠕变 | % of C _n | 0.02 |
| Temperature effect on zero 温度对零点的影响 | % of C _n /10K | 0.02 |
| Temperature effect on output 温度对输出的影响 | % of C _n /10K | 0.02 |
| Hysteresis 滞后误差 | % of C _n | 0.017 |
| Linearity deviation 线性误差 | % of C _n | 0.017 |
| Repeatability 重复性误差 | % of C _n | 0.017 |
| Service temperature range 工作温度范围 | °C | -30 to +70 |
| Limit load 安全载荷 & Break load 破坏载荷 | % of E _{Max} . | 120 /150 |
| Nominal excitation 激励电压 | V | 5~12 |
| Input resistance & Output resistance | Ω | 700±20 & 703±20 |
| Insulation resistance | M | >5000 |
| Cable length: 导线长度 diameter 直径: Ø6mm | M | 14 |
| Cable type 导线 | | 4 conductors, Braid Shielded, Black PVC Jacket |
| Color code: 接线方式 | | +Exc -Red, +Sig-grn, -Exc-Blk, -Sig- Wht |
| Construction material: 结构材料 | | stainless steel 不锈钢/ alloy steel 合金钢 |
| Protection class to IEC529 防水等级 | | Ip68 |

安装方式

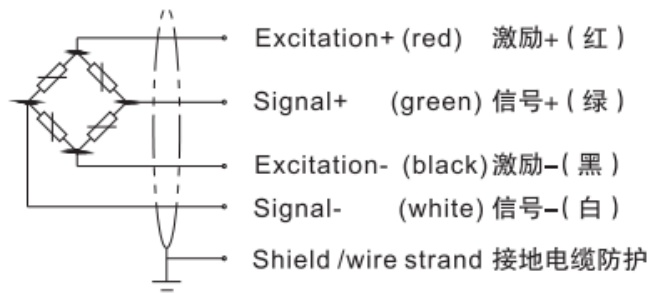
Mounting Method:



- 1 IN-C16-CR01
 - 2 IN-C16-CR02
 - 3 Dowel Pin $\varnothing 10 \times 30$ (rotation stop)
- Flexible tube and tube clip enclosed in the load cell packing
- 旋转插销,伸缩管与管夹在传感器包装里



Wiring code (4-wire circuit)
 电缆芯线色标 (四线制)



| | | | | | | | | |
|---|----------|------|------|------|------|------|------|------|
| Maximum capacity (Emax) 额定载荷 | t | 10 | 15 | 20 | 25 | 30 | 40 | 50 |
| R ball 球头半径 | mm | 130 | 130 | 160 | 160 | 160 | 180 | 180 |
| amax 最大允许倾斜角度 | " ° " 度 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.5 |
| Smax 最大允许侧向偏移 | mm | 12 | 12 | 12 | 12 | 12 | 12 | 10.5 |
| FR(% of applied load) 回复力 (施力大小的百分比) | at Smax | 6.3 | 6.3 | 9.8 | 9.8 | 9.8 | 12 | 12 |
| | at S=1mm | 0.48 | 0.48 | 0.75 | 0.75 | 0.75 | 0.93 | 0.93 |